

Title (en)

TUBE FOR CONVEYING EXHAUST GASES IN HEAT EXCHANGE DEVICES, PARTICULARLY BOILERS FOR GENERATING HOT WATER OR STEAM

Title (de)

ROHR ZUR BEFÖRDERUNG VON ABGASEN IN WÄRMEAUSTAUSCHVORRICHTUNGEN, INSBESONDERE KESSELN, ZUR ERZEUGUNG VON HEISSEM WASSER ODER DAMPF

Title (fr)

TUBE POUR TRANSPORTER DES GAZ D'ECHAPPEMENT DANS DES DISPOSITIFS D'ECHANGE THERMIQUE, EN PARTICULIER DES CHAUDIERES POUR GENERER DE L'EAU CHAUDE OU DE LA VAPEUR

Publication

**EP 2409105 A1 20120125 (EN)**

Application

**EP 10708516 A 20100303**

Priority

- EP 2010052724 W 20100303
- IT MI20090404 A 20090317

Abstract (en)

[origin: WO2010105911A1] A tube (1) for conveying exhaust gases in heat exchange devices, particularly boilers for generating hot water or steam, the tube (1) comprising internally fins (3, 4) in contact with the wall of the tube, the fins (3) arranged proximate to the exhaust gas inlet end being made of steel, while the fins (4) arranged proximate to the exhaust gas exit end are made of aluminum.

IPC 8 full level

**F28D 21/00** (2006.01); **F28F 1/40** (2006.01); **F28F 21/08** (2006.01)

CPC (source: EP)

**F28D 21/0005** (2013.01); **F28F 1/40** (2013.01); **F28F 13/12** (2013.01); **F28F 21/08** (2013.01); **F28F 21/082** (2013.01); **F28F 21/084** (2013.01); **F28D 2021/0024** (2013.01); **F28F 2215/04** (2013.01)

Citation (search report)

See references of WO 2010105911A1

Citation (examination)

- WO 2007104580 A2 20070920 - BEHR GMBH & CO KG [DE], et al
- US 2005274501 A1 20051215 - AGEE KEITH D [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

**WO 2010105911 A1 20100923; WO 2010105911 A8 20101229**; EP 2409105 A1 20120125; IT 1393254 B1 20120412; IT MI20090404 A1 20100918

DOCDB simple family (application)

**EP 2010052724 W 20100303**; EP 10708516 A 20100303; IT MI20090404 A 20090317